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Terms	Documents
junction\$ adj1 adhesion	13

Database: 

US Patents Full-Text Database	▲
US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

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junction\$ adj1 adhesion	▲
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**Search History****Today's Date: 8/27/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,DWPI	junction\$ adj1 adhesion	13	<u>L3</u>
USPT,PGPB,DWPI	confluency adj1 regulated	1	<u>L2</u>
USPT,PGPB,DWPI	JAM or CRAM	39520	<u>L1</u>

[Generate Collection](#)**Search Results - Record(s) 11 through 13 of 13 returned.**☐ 11. Document ID: AU 200070670 A, WO 200114404 A1

L3: Entry 11 of 13

File: DWPI

Mar 19, 2001

DERWENT-ACC-NO: 2001-218425

DERWENT-WEEK: 200136

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TITLE: Novel nucleic acids encoding human junctional adhesion protein useful for producing antibodies that are suitable for therapeutic purposes

INVENTOR: CUNNINGHAM, S; TRINDAD ARRATE BARROS, M

PRIORITY-DATA: 1999US-0150459 (August 24, 1999)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 200070670 A	March 19, 2001	N/A	000	C07H021/04
WO 200114404 A1	March 1, 2001	E	051	C07H021/04

INT-CL (IPC): C07H 21/04; C07K 14/435; C07K 14/47; C07K 16/00; C07K 16/18; C12N 5/10; C12N 15/00; C12N 15/11; C12N 15/12 ; C12N 15/63

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Knowl	Draw	Date	Image
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☐ 12. Document ID: JP 2001506847 W, WO 9824897 A1, ZA 9710794 A, AU 9856578 A, EP 948621 A1

L3: Entry 12 of 13

File: DWPI

May 29, 2001

DERWENT-ACC-NO: 1998-333317  
DERWENT-WEEK: 200136  
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TITLE: Junctional adhesion molecule transmembrane protein - useful for developing products for treating e.g. tumours, inflammatory diseases, organ transplantation, atherosclerosis, psoriasis or intestinal infection

INVENTOR: DEJANA, E; MARTIN PADURA, I ; SIMMONS, D ; WILLIAMS, L ;  
PADURA, I M

PRIORITY-DATA: 1996SE-0004470 (December 4, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2001506847 W	May 29, 2001	N/A	041	C12N015/09
WO 9824897 A1	June 11, 1998	E	038	C12N015/12
ZA 9710794 A	August 26, 1998	N/A	037	C07K000/00
AU 9856578 A	June 29, 1998	N/A	000	C12N015/12
EP 948621 A1	October 13, 1999	E	000	C12N015/12

INT-CL (IPC): A01K 67/027; A61K 35/76; A61K 38/00; A61K 38/17; A61K 39/39; A61K 39/395; A61K 48/00; A61P 35/00; C07H 0/00; C07K 0/00; C07K 14/47; C07K 14/705; C07K 16/18; C07K 16/28; C12N 15/09; C12N 15/12; C12P 21/02 ; C12P 21/08; G01N 33/53; G01N 33/566; C12P 21/02; C12R 1/91

Full Title Citation Front Review Classification Date Reference

WWW Draw Desc Image

☐ 13. Document ID: BE 895818 A, BR 8300551 A, CA 1218905 A, DE 3303850 A, ES 8801549 A, FR 2521068 A, GB 2116253 A, GB 2116253 B, IT 1149738 B, IT 1155018 B, JP 58145777 A, NL 8300428 A, US 4791024 A, US 4956228 A

L3: Entry 13 of 13

File: DWPI

May 30, 1983

(FILE 'HOME' ENTERED AT 19:58:19 ON 27 AUG 2001)

FILE 'MEDLINE, CAPLUS, EMBASE, BIOSIS' ENTERED AT 19:58:33 ON 27 AUG 2001

L1	3898 S JAM OR (JUNCTIONAL (1W) ADHESION) OR CRAM OR (CONFLUENCY
(1W)	
L2	181 S (JUNCTIONAL (1W) ADHESION) OR (CONFLUENCY (1W) REGULATED)
L3	90 DUP REM L2 (91 DUPLICATES REMOVED)
L4	74 S L3 AND PY<2001

L4 ANSWER 7 OF 74 MEDLINE  
 ACCESSION NUMBER: 2001021563 MEDLINE  
 DOCUMENT NUMBER: 20407434 PubMed ID: 10950802  
 TITLE: Antibodies to the **junctional adhesion**  
 molecule cause disruption of endothelial cells and do not  
 prevent leukocyte influx into the meninges after viral or  
 bacterial infection.  
 AUTHOR: Lechner F; Sahrbacher U; Suter T; Frei K; Brockhaus M;  
 Koedel U; Fontana A  
 CORPORATE SOURCE: Cytos Biotechnology AG, CH-8952 Zurich-Schlieren,  
 Switzerland.  
 SOURCE: JOURNAL OF INFECTIOUS DISEASES, (2000 Sep) 182  
 (3) 978-82.  
 Journal code: IH3. ISSN: 0022-1899.  
 PUB. COUNTRY: United States  
 Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
 ENTRY MONTH: 200011  
 ENTRY DATE: Entered STN: 20010322  
 Last Updated on STN: 20010322  
 Entered Medline: 20001103  
 AB A hallmark of infectious meningitis is the invasion of leukocytes into  
 the  
 subarachnoid space. In experimental meningitis triggered by tumor  
 necrosis  
 factor-alpha and interleukin-1beta, the interaction of leukocytes with  
 endothelial cells and the subsequent migration of the cells through the  
 vessel wall can be inhibited by an antibody to the **junctional**  
**adhesion** molecule (JAM). In contrast to the cytokine-induced  
 meningitis model, anti-JAM antibodies failed to prevent leukocyte influx  
 into the central nervous system after infection of mice with *Listeria*  
*monocytogenes* or lymphocytic choriomeningitis virus. Furthermore, in  
 bacterial meningitis, anti-JAM IgG antibodies, but not Fab fragments,  
 caused disruption of the endothelium. Likewise complement-dependent  
 antibody-mediated cytotoxicity was observed in cultured brain endothelial  
 cells treated with anti-JAM IgG but not with its Fab fragment.